DEFENSE LOGISTICS AGENCY
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April 13, 2015

MEMORANDUM FOR SUPPLY DISCREPANCY REPORT (SDR) PROCESS REVIEW COMMITTEE (PRC) MEMBERS

SUBJECT: Proposed Addendum to Approved Defense Logistics Management Standards (DLMS) Change (ADC) 1066 (Staffed as PDC 1066A), SDR Process Enhancements for Source of Supply (SoS) Notification of SDR Updates

We are forwarding the attached proposed change to DLM 4000.25, Defense Logistics Management Standards, for evaluation and submission of a single coordinated DOD Component position. It is the responsibility of the Component SDR PRC representatives to ensure full coordination of the proposal within their Component.

Request you review the attached proposed change and provide your comments/concurrence to Defense Logistics Management Standards Office (DLMSO) not later than **30** days from the date of this memorandum. If non-concurrence is provided, please provide an alternate method to meet the requirement being addressed.

Addressees may direct questions to Ms. Ellen Hilert, DOD SDR System Administrator, e-mail: ellen.hilert@dla.mil, or Ben Breen, e-mail benjamin.breen@dla.mil. Others must contact their Component designated SDR PRC representative available at: www.dla.mil/j-6/dlmso/CertAccess/SvcPointsPOC/allpoc.asp.

DONALD C. PIPP
Director
Defense Logistics Management
Standards Office

Attachment
As stated

cc: ODASD (SCI)

Attachment to PDC 1066A
SDR Process Enhancements for Source of Supply (SoS)
Notification of SDR Updates

1. ORIGINATING SERVICE/AGENCY AND POC INFORMATION:

a. Functional POC: DLA HQ and DLA Land and Maritime

b. Technical POC: DOD SDR System Administrator, DLA Logistics Management Standards Office, e-mail: ellen.hilert@dla.mil and benjamin.breen@dla.mil

2. FUNCTIONAL AREA:

a. Primary/Secondary Functional Area: Supply Discrepancy Reporting

b. Primary/Secondary Functional Process: DOD WebSDR Processing

3. REFERENCES:

a. DLM 4000.25, DLMS, Volume 2, Supply, Chapter 17, Supply Discrepancy Reporting

b. Approved DLMS Change (ADC) 1066, SDR Process Enhancements: Follow-up Time Standards, SDR Forwarding, Source of Supply (SoS) Notification, Discrepancy Code D4 for Missing Quality Assurance Representative (QAR) Signature, use of Unique Item Tracking (UIT) Designator Code for Management Report Selection Criteria, January 9, 2014

c. ADC 1126, Revised Routing Rules for Non-Manager-Owned Suspended Stock Identified at Time of Receipt at DLA Distribution Centers and Improved Identification of Owner and Manager on SDR Transactions, December 16, 2014

4. REQUESTED CHANGE(S):

a. Brief Overview of Change: This proposed addendum enhances DOD WebSDR processing to enable SoS systems to properly process transactions used for SoS notification of relevant SDR information. Two new rules for WebSDR processing are established.

(1) WebSDR will be required to suppress the distribution copy of the SDR reply prepared when an SDR is forwarded to a new action activity (which is other than the SoS) via Reply Code 504 (SDR forwarded to new action activity). Instead, the SoS will receive a transaction containing the new action activity so that the existing SDR record can be updated.

(2) Upon processing a change to the SoS RIC reflected in action activity SDR reply transaction, WebSDR will be required to perform an edit check to determine if the new SoS has already received an information copy of the SDR. If not, WebSDR will send an information copy to the new SoS. This will allow any subsequent transactions to process successfully.

b. Background:

(1) Suppress SoS Copy of Reply Transaction. ADC 1066 (reference 3.b.) identified a processing problem occurring with forwarded SDRs. When an SDR is forwarded to a new action activity using Reply Code 504, WebSDR sends a copy of the reply to the submitter and generates a new original SDR transaction for the new action activity. When this occurs WebSDR simultaneously distributes an information copy of the new SDR to the SoS. If the SoS is unchanged, the SoS already received an information copy of the initial submission, and this could cause the second SDR information copy identifying the new action activity to be rejected by the SoS as a duplicate. Under ADC 1066, if a second information copy is required after the Reply Code 504 forwarding action, it will be prepared as a correction so that the SoS record can be updated accordingly. This change was successfully implemented per ADC 1066; however, implementation highlighted an additional problem associated with this scenario. The SoS also receives a copy of all reply transactions prepared by other parties, including the reply transaction prepared by the original action activity containing the forwarding information. This transaction is redundant to the SoS information copy that now processes successfully as a correction. When the forwarding reply transaction processes prior to the correction in the SoS system, it cannot be properly processed. Since failed transactions require manual research to sort out the problem, DLA supply chains have asked that this forwarding reply be suppressed by WebSDR as it is redundant.

(2) Information Copy to New SoS

(a) Under ADC 1066 (reference 3.b.), WebSDR established new rules associated with changes to the value of the SoS Routing Identifier Code (RIC). The SoS RIC may be updated by a storage activity reply transaction on a Document Type 7 (customer SDR), non-quality-related Document Types R (DLA distribution center SDR after redistribution between storage activities), or non-quality-related Document Type N (WebSDR-entered, comparable to Type R) SDR. The most common source of SoS corrections occur when the distribution center processes a customer SDR and overlays an erroneous SoS entry provided by the submitter with the actual SoS known by the Distribution Standard System (DSS) to have directed the shipment. A similar situation could occur when a storage activity generates an SDR to the shipping activity after an owner/manager-directed redistribution and identifies an incorrect RIC in the SoS field. The shipping activity may overlay the incorrect owner/manager in their reply transaction. Under the new rules, upon processing a change to the SoS RIC, WebSDR will notify the original SoS to consider the SDR closed *for that activity only* (the SDR itself will remain open). The notification to the original SoS will take the form of an SDR reply from the DLA Transaction Services RIC SGA citing new Reply Code 450 (administrative closure notification). However, during discussion of this scenario, it was not recognized that the new SoS may not be able to process the reply transaction containing the updated SoS because that activity's SDR system has no record of that SDR. An information copy of the SDR must be provided to the correct/new SoS prior to the transmitting the storage activity reply to ensure that these will process successfully.

Staffing Note: Until SDR systems are modified to separately identify the SoS, owner, and manager (under ADC 1126, reference 3.c.), the document type code is used to interpret the contents of the data field referred to as the "SoS." For customer SDRs (Document Type 7), this field will contain the SoS responsible for directing the shipment to the customer. For redistribution SDRs (Document Type R or N), this field will contain the owner/manager responsible for directing the shipment to the storage activity.

(b) The above process is not applicable to SDRs generated by storage activities when the action is directed to the owner/manager (e.g., Document Type 8, 9, or quality-related Type R or N). When these are generated with the incorrect owner/manager RIC, the SDR must be cancelled and resubmitted correctly.

Staffing Note: DLA Distribution should review procedures to ensure that correction transactions are not used to update the owner/manager RIC when the intended action activity is the owner/manager. Instead, the SDR should be cancelled and resubmitted so that both the action activity and the owner/manager RIC values are the same.

c. <u>Requested Change in Detail</u>:

(1) Suppress SoS Copy of Reply Transaction. WebSDR will suppress the SoS copy of the SDR reply (Transaction Set Purpose Code 11) when processing a forwarding reply containing Reply Code 504. If the SoS is unchanged, the SoS will receive a correction to update the record previously established by receipt of an information copy of the original SDR (same SoS, but different shipping activities identified as initial action activity).

(2) Information Copy to New SoS. Upon processing a change to the SoS RIC by a SDR reply (Transaction Set Purpose Code 11), WebSDR will perform an edit check to determine if an information copy (Transaction Set Purpose Code 22) has been sent to the new SoS. If the SoS has not received an information copy, WebSDR will send an information copy to the new SoS RIC. This information copy must contain the updated SoS RIC rather than that contained on the original submission.

d. <u>Revisions to DLM 4000.25 Manuals</u>: Update DLM 4000.25 Volume 2, Chapter 17, Supply Discrepancy Reporting, to incorporate revised procedures. Insert procedures and revise paragraph numbering as follows:

"C17.3.20.4. DAAS will provide the support to SDR transaction exchange to facilitate DLMS processes.

C17.3.20.4.1. WebSDR will facilitate appropriate distribution when the action party receiving the initial distribution employs the Distribution/Status (Reply) Code 504 indicating the SDR must be forwarded to a new action activity. WebSDR will prepare the forwarded SDR in an original SDR format (Transaction Set Purpose Code 00) retaining all the information provided in the initial transmission plus the unique data fields applicable to the forwarding action per the DLMS 842A/W. The submitter will receive the reply transaction as notification of interim status. If an information copy of the initial SDR was provided to the SoS based upon Component rules, WebSDR will prepare an information copy of the forwarded transaction using the correction format (Transaction Set Purpose Code CO). ***When the SoS identified in the SDR correction is the same activity identified to receive the SoS copy of the SDR reply (Transaction Set Purpose Code 11), this reply transaction will be suppressed as redundant to the correction.*** WebSDR will update the SDR database to reflect the current action activity after this type of forwarding action and ensure that subsequent transactions are properly transmitted to the new action activity (rather than the original action activity). [1]

C17.3.20.4.2. If an SDR SoS is updated ***to identify a different SoS (based upon action activity reply)*** after an information copy was provided to the ***original*** SoS, an SDR closure notification (Reply Code 450) will be generated by WebSDR to the originally

identified SoS so that the open record can be administratively closed. ***WebSDR will also provide an information copy of the original SDR to the newly identified SoS (the information copy will contain the updated RIC value rather than perpetuating the original value).[2]"***

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[1] Refer to ADC 1066***/1066A***.
[2] ***Ibid"***

e. <u>Proposed Transaction Flow</u>: Refer to the enclosure.

f. <u>Alternatives</u>: None identified.

5. REASON FOR CHANGE:

a. Suppress SoS Copy of Reply Transaction. This change will require DOD WebSDR to suppress the SoS copy of the SDR reply (Transaction Set Purpose Code 11) when an original SDR (Transaction Set Purpose Code 00) is generated as a result of a Reply Code 504 forwarding action. Currently the SDR reply is failing in EBS because it is being received prior to the correction (Transaction Set Purpose Code CO) reflecting the new action activity. There is no requirement to receive a copy of the reply transaction and the correction.

b. Information Copy to New SoS. Currently, when DLA Enterprise Business System (EBS) system receives a SDR reply (Transaction Set Purpose Code 11) without having already received an information copy (Transaction Set Purpose Code 22) transaction, EBS will fail the SDR reply transaction since there is no record on file. This change will allow for an information copy to be sent to EBS when the SoS RIC is changed as a result of a storage activity SDR Reply (Transaction Set Purpose Code 11).

6. ADVANTAGES AND DISADVANTAGES:

a. <u>Advantages</u>: These new rules will ensure Component systems can receive and properly process SDR transactions resulting in less manual effort for research and ensuring there are no gaps in communication of SDRs.

b. <u>Disadvantages</u>: None identified.

7. ESTIMATED TIME LINE/IMPLEMENTATION TARGET: Not available at this time; DLA Transaction Services estimates programming will take approximately one week.

8. ESTIMATED SAVINGS/COST AVOIDANCE ASSOCIATED WITH IMPLEMENTATION OF THIS CHANGE: Not able to quantify.

9. IMPACT:

a. <u>New DLMS Data Elements</u>: There are no new data elements.

b. <u>Changes to DLMS Data Elements</u>: There are no revised data elements.

c. <u>Automated Information Systems (AIS):</u> There is no intended impact to Component SDR systems.

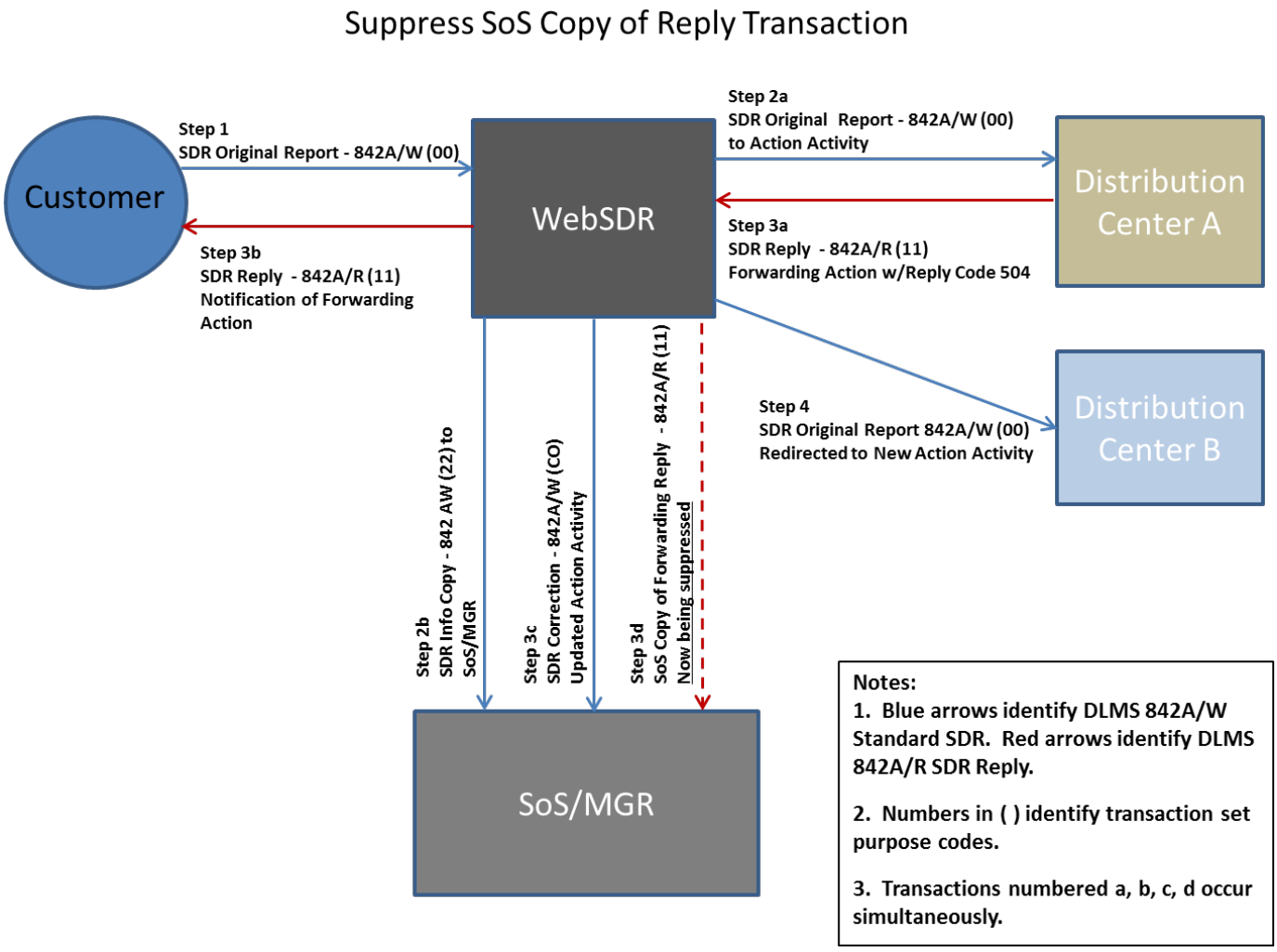
d. DLA Transaction Services:

(1) WebSDR will suppress the SoS copy of the SDR reply (Transaction Set Purpose Code 11) when processing a forwarding reply containing Reply Code 504 per above procedures.

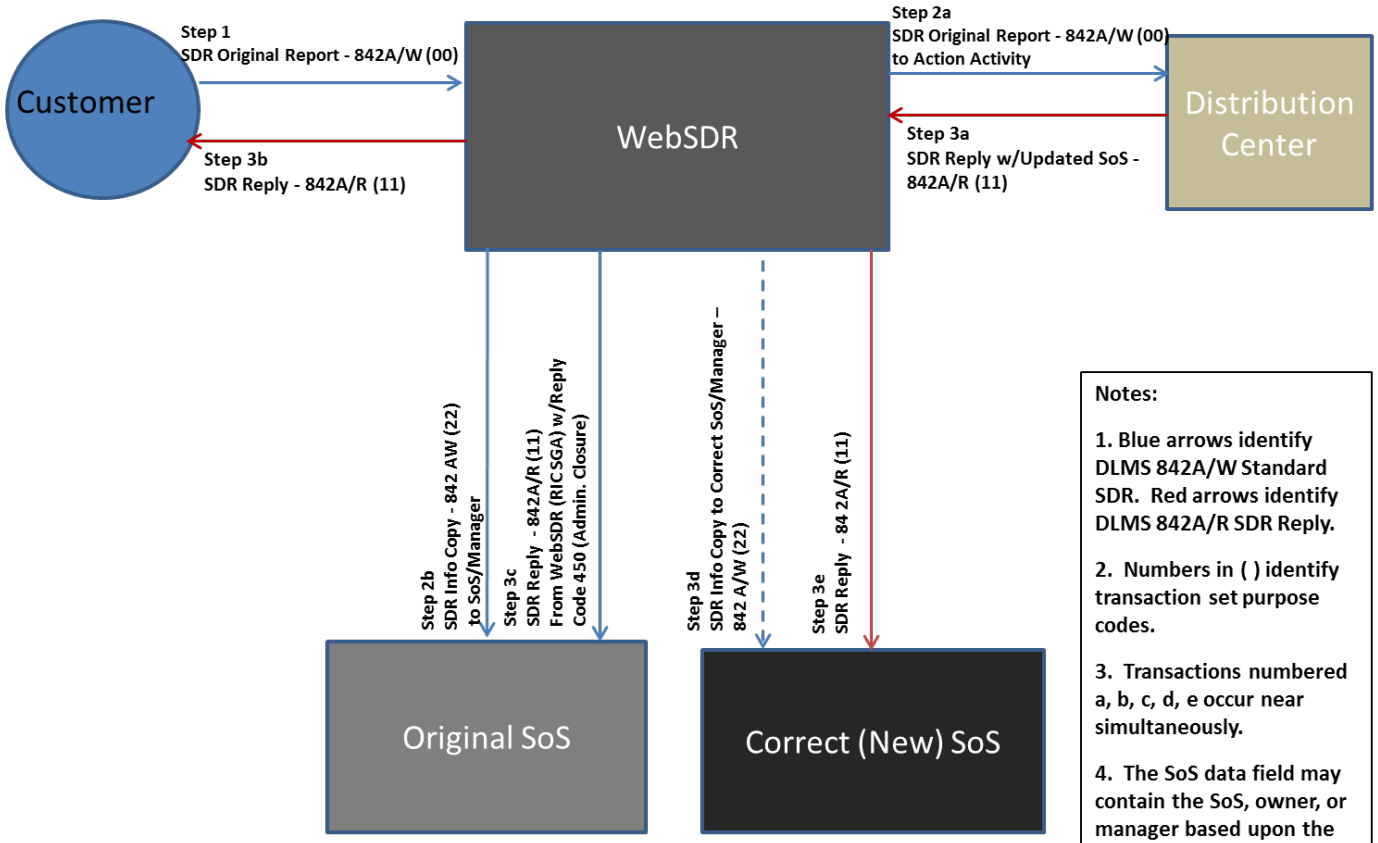
(2) WebSDR will send an information copy to the new SoS RIC per above procedures.

e. Non-DLM 4000.25 Series Publications: None identified.

Enclosure, Transaction Flow Diagrams



New SoS Information Copy of Original SDR



Notes:

1. Blue arrows identify DLMS 842A/W Standard SDR. Red arrows identify DLMS 842A/R SDR Reply.
2. Numbers in ( ) identify transaction set purpose codes.
3. Transactions numbered a, b, c, d, e occur near simultaneously.
4. The SoS data field may contain the SoS, owner, or manager based upon the type of SDR for the supply process involved.